

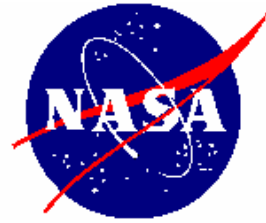
NASA 2007 Safety & Health Managers Meeting

“Employee Health & Safety-Return on Investment”

February 27- March 1, 2007

Cocoa Beach, Florida

**Jonathan B. Mullin
Manager, Operational Safety
Office of Safety and Mission Assurance
NASA Headquarters**



Overview- NASA Operational Safety Challenges- State of the Agency

- **Clear communication and consistent execution of policy & requirements**
- **“Back to the Basics” for “Excellence” (29CFR 1960 for VPP)**
- **Assuring Mishap Prevention and “Lessons Learned” are communicated**
- **Assuring “Up-to-Date” contracts contain the latest “SMA Policy and Requirements**
- **Understanding “Joint Roles and Responsibilities” among all “players”**
- **Fostering Relationships among all Centers**
- **Providing a “Safe and Healthful Workplace,”- Facilities**
- **Budget**



Clear communication and consistent execution of policy & requirements

- **Common Communication Barriers**

- Language (Literal and Figurative)
- Technology (Not Enough, Too Much)
- Competing Motives (Schedule, Cost, Power)
- Regulatory Limits (Security, Export Control, Privacy, ect.)
- Volume (Wheat & Chaff)
- Human Limitations (Pride, thoughtfulness, fear, communication skills)
- Inconsistent Expectations (Transmitter VS Receiver)
- Organizational Structure

- **NASA Policy & Requirements Document Tree**

<http://www.hq.nasa.gov/office/codeq/doctree/qdoc.htm>



“Back to the Basics” for “Excellence” (29 CFR 1960 for VPP)

The NASA Safety & Health Mission - Prevent Injury and Illness and Preserve Mission Resources

- Due to effective Center Safety and Health Programs, the Federal Injury/ Illness Rates are among the lowest in the Federal Government
- SHARE Program- Safety Health and Return to Employment Goals
- NASA Administrator Mike Griffin responds to OSHA with NASA Policy and SHARE Rate Goals
- The Agency Fiscal Year 2006 Annual Report on Occupational Safety and Health was Due January 1, 2007 to the Secretary of Labor
 - The Template for the OSHA Report is provided at http://www.osha.gov/dep/fap/annual_report_template_2006.html
 - NASA was challenged by several areas in the report such as “Seat Belt Surveys” per Executive Order being conducted, documented and extended to contractors and contracts.
(Recommend OSHA Template be used for program monthly management objectives)



Assuring Mishap Prevention and “Lessons Learned” are communicated

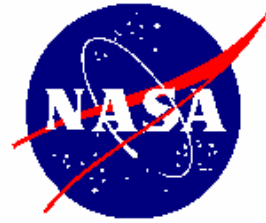
- Did your Center experience a “Close Call” or “Serious Hazard” that maybe of importance to another NASA Center?
- Did your Center send a “Heads Up” or a mishap prevention bulletin to the other NASA Centers?
- NPR 8621.1B, “NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating and Record keeping”
 - Assure Requirements of Chapter 7. “Post Investigation Activities” are adhered to and that the “applicable Center Safety office shall monitor corrective action actives to determine if they were carried out according to the plan and report noncompliance to the appointing official” Para 7.5.1
 - “The Center safety office shall verify that the CAP is complete and all elements of the investigation have completed and correctly recorded in IRIS...Para 7.5.3.”
 - Assure oversight – “Develop, Disposition, Submit, and Approve Lessons Learned” process identified in Para 7.6 of NPR 8621.1B.



Assuring “Up-to-Date” contracts contain the latest “SMA Policy and Requirements

- Timely Center review of safety and health provisions in contracts.
- NASA Activities:
 - “NASA SARD Contractor Safety Working Group”- Safety, Facilities, OCHMO, Procurement, and Center Safety Construction Safety Representatives
 - Aerospace Advisory Safety Panel (ASAP)
 - ECIC Safety Best Practices Course-”Making Zero Incidents a Reality”
 - Agency Wide Fall Protection Policy
 - Contractor Safety Program Enhancements & Selection Practices
 - NASA Headquarters and Centers “PEP Enhancement Group”

Note: GAO-07-58 January 2007-NASA Procurement “Use of Award Fees for Achieving Program Outcomes Should Be Improved”



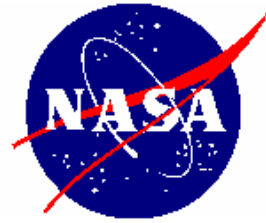
Understanding “Joint Roles and Responsibilities” among all “Players”

- **NASA Safety & Health Program Planning Challenges.**
 - Many NASA programs interface with the Department of Defense, other government agencies, and commercial entities.
 - The Office of Safety and Mission Assurance has cross cutting review and oversight responsibilities
 - New programs are being developed that could affect the safety and health of NASA employees- be early on the cutting edge for assuring program requirements on efforts such as “Exploration Program”
 - Programs that are “visiting your center” are you aware of them?
 - Assure annual inspections and hazardous operations inspections review new processes or activities that need your oversight?
 - If collocated with a Department of Defense organization- When was the last review of the “Host-Tenant Agreement” and the activity documented?
 - Are new DOD missions or Tenant activities or “industrial areas” near the installation being developed that could affect the “safety and health” of NASA Employees?



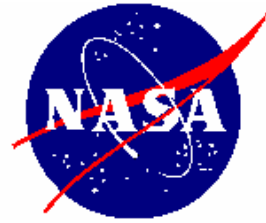
Fostering Relationships among all Centers

- A major objective of the “NASA 2007 Safety and Health Managers Meeting” is to foster relationships among all Centers
 - Meeting Peers “Face to Face”
 - Opportunity to Present Your Best Programs to the Agency
 - Identify and Share your recommendations for improvements
 - Opportunity to Learn “Best Practices from counterparts”
 - Broaden your view of the Agency and understand the positions of Other center “cultures”
 - Can you answer the “Ronald Reagan question, are you better off than you were were four years ago?”



Providing a “Safe and Healthful Workplace,”- Facilities

- Are SMA at the Centers participating the Facilities Review process with review and comment on NASA Forms 1509s?
- Do NASA Safety and Health Inspections reveal deficiencies that require immediate repair and are proper “Risk Assessment Codes” documented on the inspection reports?
- Are results of inspections briefed to the Center Senior Leadership and to the Center Director?
- Are “Employees” made aware of the results of the inspections in their workplace?
- Are Funds available to correct deficiencies in a timely manner?
- Are Center Safety and Health Self Evaluations required by NPR 8715.1 provided to NASA Headquarters on an annual basis?



Budget

-
- ✓ **Planning for “Continuing Resolutions”**
 - ✓ **Advising Senior Management of Safety Program Concerns**
 - ✓ **CMO Budget activities**
 - ✓ **Is your Center Program Properly Funded to Execute all Requirements, NASA, Federal, State, Local for the future?**
 - ✓ **Impacts of “Un-funded Mandates”**



Summary

❖ “The Future”

- The NASA Safety Center
- The Agency Mission

❖ “The Future and Continuing Challenges”

- “Exploration Program”
- Space Shuttle and International Space Station Programs
- Science Missions
- “Day-to-Day Center Operations”

❖ **BOTTOM LINE- Assure “ Employee Health & Safety - Return on Investment,” as a NASA TEAM!**